



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Marcotte et al.  
 Serial No. : 09/493,401  
 Filed : January 28, 2000  
 Title : COMBINED COMPUTATIONAL METHODS FOR DETECTING PROTEIN  
 FUNCTION AND PROTEIN-PROTEIN INTERACTIONS FROM GENOME  
 SEQUENCES

Art Unit : Unknown  
 Examiner : Unknown

Commissioner for Patents  
 Washington, D.C. 20231

DECLARATION BY THE INVENTOR

As a below-named inventor(s), I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COMBINED COMPUTATIONAL METHODS FOR DETECTING  
 PROTEIN FUNCTION AND PROTEIN-PROTEIN INTERACTIONS  
 FROM GENOME SEQUENCES**

the specification of which:

☒ was filed on January 28, 2000, as Application Serial No. 09/493,401, and was amended on .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance 37 CFR §1.56(a).

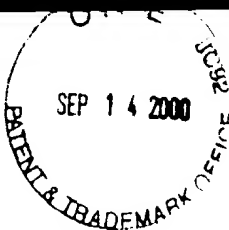
CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

8/31/2000  
 Date of Deposit

Kasey R. Cook  
 Signature

Kasey R. Cook  
 Typed or Printed Name of Person Signing Certificate



I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

<input checked="" type="checkbox"/> U.S. Serial No.	Filing Date	Status
60/117,844	01/29/99	Completed
60/118,206	02/01/99	Completed
60/126,593	03/26/99	Completed
60/134,093	05/14/99	Completed
60/134,092	05/14/99	Completed

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Serial No.	Filing Date	Status
09/493,497	01/28/00	Pending
09/493,498	01/28/00	Pending

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed
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I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

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Attorney's Docket No.: 07419/023001

Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: DAVID EISENBERG

Inventor's signature: David Eisenberg

Date: 7-26-00

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Inventor's signature: Edward M. Marcotte

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Full name of inventor: MICHAEL J. THOMPSON

Inventor's signature: Michael J. Thompson

Date: 7/24/00

Residence: 1528 19th St, Apt. 6 Santa Monica, CA 90404

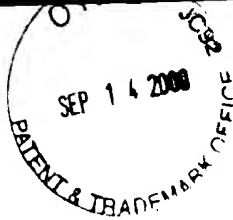
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Attorney's Docket No.: 07419 023001



Full name of inventor: MATTEO PELLEGRINI

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Full name of inventor: TODD O. YEATES

Inventor's signature: *Todd O. Yeates*

Date: 7/24/00

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Applicant or Patentee: Edward M. Marcotte      Docket No. 07419/023001  
Serial or Patent No.: Unknown      U. C. Case No. 99-566-3  
Filed or Issued: January 28, 2000  
For: Combined Computational Methods for Detecting Protein Function and Protein-Protein Interactions from Genome Sequences

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS**  
**[37 CFR § 1.9(f) and § 1.27(d)]--NONPROFIT ORGANIZATION**

I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below:

NAME OF ORGANIZATION: **The Regents of the University of California**  
ADDRESS OF ORGANIZATION: **1111 Franklin Street, 12<sup>th</sup> Floor**  
**Oakland, California 94607-5200**

TYPE OF ORGANIZATION

- ☒ UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION  
☒ TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE [26 USC § 501(a) and § 601(c) (3)]  
☐ NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OR THE UNITED STATES OF AMERICA  
    (NAME OF STATE \_\_\_\_\_)  
    (CITATION OF STATUTE \_\_\_\_\_)  
☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE [26 USC § 501(a) and § 501(c) (3)] IF  
    LOCATED IN THE UNITED STATES OF AMERICA  
☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF STATE OF THE UNITED STATES  
    OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA  
    (NAME OF STATE \_\_\_\_\_)  
    (CITATION OF STATUTE \_\_\_\_\_)

I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR § 1.9(e) for purposes of paying reduced fees under section 41(a) or (b) of Title 35, United States Code with regard to the invention entitled: Combined Computational Methods for Detecting Protein Function and Protein-Protein Interactions from Genome Sequences by inventor(s) David M. Marcotte, Matteo Pellegrini, Michael J. Thompson, Todd O. Yeates, and David Rosenberg, and Todd O. Yeates described in

- ☐ the specification filed herewith  
☐ application serial no. \_\_\_\_\_, filed January 28, 2000  
☐ Patent no. \_\_\_\_\_, issued \_\_\_\_\_

I hereby declare that rights under **contract or law** have been conveyed to and remain with the nonprofit organization with regard to the above identified invention [except for a license to a Federal Agency pursuant to USC § 202 (c) (4)].

If the rights held by the nonprofit organization are not exclusive, each individual, concern, or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR § 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR § 1.9(d) or a nonprofit organization under 37 CFR § 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 CFR § 1.27).

NAME Protein Pathways, Inc.  
ADDRESS 1145 Gayley Avenue, Suite 304, Los Angeles, CA 90024  
[ ] INDIVIDUAL [X] SMALL BUSINESS CONCERN [ ] NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. [37 CFR § 1.28(b)]

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine of imprisonment, or both, under 18 USC § 1001, and may jeopardize the validity of the application, any patent issuing thereon, or any patent which this verified statement is directed.

NAME OF PERSON SIGNING: **Linda S. Stevenson**  
TITLE IN ORGANIZATION: **Principal Prosecution Analyst, Office of Technology Transfer**  
ADDRESS OF PERSON SIGNING: **1111 Franklin Street, 5<sup>th</sup> Floor**  
**Oakland, California 94607-5200**

SIGNATURE Linda S. Stevenson

DATE \_\_\_\_\_